

# Monoclonal antibody to Mouse Interleukin-4

<b>Antibody:</b>	11B11
<b>Product code:</b>	3311-3N-500
<b>Quantity:</b>	500 µg
<b>Immunogen:</b>	Recombinant mouse IL-4
<b>Isotype:</b>	Rat IgG1
<b>Specificity:</b>	Native and recombinant mouse IL-4
<b>Concentration:</b>	1 mg/ml
<b>Buffer:</b>	Supplied in sterile filtered (0.2 µm) PBS. Contains no preservatives. The endotoxin content in the product is below 10 EU/mg.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
<b>Applications:</b>	Neutralization of mouse IL-4 bioactivity. It is recommended to establish the optimal antibody concentration for the assay system used. The antibody is also suitable for immunoassays.
<b>References:</b>	<p>Cavassani KA, et al. Cell-free antigens from <i>Paracoccidioides brasiliensis</i> drive IL-4 production and increase the severity of paracoccidioidomycosis. <i>PLoS One</i>. 6:6, 2011.</p> <p>Costa DL, et al. BALB/c mice infected with antimony treatment refractory isolate of <i>Leishmania braziliensis</i> present severe lesions due to IL-4 production. <i>PLoS Negl. Trop. Dis</i>. 5:3, 2011.</p> <p>Iizuka A, et al. Interleukin (IL)-4 promotes T helper type 2-biased natural killer T (NKT) cell expansion, which is regulated by NKT cell-derived interferon-gamma and IL-4. <i>Immunology</i> 123:1, 2008.</p>

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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